

STATE
Agricultural and Mechanical College
OF
A L A B A M A.

1880-'81.

CATALOGUE

OF THE

State Agricultural and Mechanical College

OF

ALABAMA.

1880-'81.



R. W. BURTON,
AUBURN, ALABAMA.

BOARD OF TRUSTEES.

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Governor of Alabama, ex-officio President.

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FACULTY AND OFFICERS.

REV. I. T. TICHENOR, D. D.,
President and Professor of Moral Philosophy.

COL. R. A. HARDAWAY, A. M., C. E.,
Commandant and Professor of Engineering.

J. T. DUNKLIN, A. M.,
Professor of Ancient Languages.

W. C. STUBBS, A. M.,
Professor of General and Agricultural Chemistry.

OTIS D. SMITH, A. M.,
Professor of Mathematics.

W. H. CHAMBERS, A. M.,
Professor of Agriculture.

P. H. MELL, JR., M. E., PH. D.,
Professor of Natural History.

REV. G. W. MAXSON, A. M., M. E.,
Professor of English Literature.

E. R. RIVERS, C. E.,
Instructor.

C. C. THACH, B. E.,
Instructor.

O. C. McGEHEE, B. S.,
Instructor.

J. H. DRAKE, M. D.,
Surgeon.

WILLIAM C. STUBBS, A. M.,
Secretary of Faculty.

REV. G. W. MAXSON, A. M.,
Librarian.

MILITARY ORGANIZATION.

Commandant :

COL. R. A. HARDAWAY.

Post Adjutant :

CAPT. E. R. RIVERS.

CADET OFFICERS:

Adjutant :

First Lieut. JOS. CALLAWAY.

Acting Assistant Q. M.:

First Lieut. B. B. ROSS.

Sergeant-Major :

B. H. FITZPATRICK, JR.

Quarter-Master Sergeant :

J. M. REID.

Color-Sergeant :

BARTOW EBERHART.

Company A.

Captain :

W. D. TAYLOR.

First Lieutenant :

J. D. TRAMMELL.

Second Lieutenant :

C. N. OUSLEY.

Company B.

Captain :

J. M. LANGHORNE.

First Lieutenant :

O. H. CRITTENDEN.

Second Lieutenant :

W. H. LAMAR.

Company C.

Captain :

J. T. LETCHER.

First Lieutenant :

A. J. MITCHELL.

Second Lieutenant :

W. U. ACREE.

Company D.

Captain :

JO. H. JETER.

First Lieutenant :

J. G. JONES.

Second Lieutenant :

E. I. VAN HOOSE.

Alumni of East Alabama College.

1860.

W. F. GLENN.....	Newnan, Georgia.
F. S. JOHNSON.....	Macon, Georgia.
R. D. LUMSDEN.....	Crawfordsville, Georgia.
*W. C. THRASH.....	Orrville, Alabama.
A. F. WOOLEY.....	Kingston, Georgia.

1861.

HENRY HARRIS.....	Sparta, Georgia.
W. M. JONES.....	Social Circle, Georgia.
SIDNEY LEWIS.....	Sparta, Georgia.
R. S. McFARLAN.....	LaGrange, Georgia.
S. W. McMICHAEL.....	Columbus, Georgia.
H. P. PARK.....	Greenville, Georgia.
J. J. F. ROGERS.....	Perote, Alabama.

1867.

J. R. DOWDELL.....	La Fayette, Alabama.
HOWARD HAMILL.....	Mexico, Missouri.

1868.

W. W. MOORE.....	Birmingham, Alabama.
W. T. PATILLO.....	Oak Bowery, Alabama.

1869.

A. G. DOWDELL.....	La Fayette, Alabama.
L. A. DOWDELL.....	Opelika, Alabama.
*A. S. DOUGLAS.....	Louisville, Alabama.
LEANDER G. JACKSON.....	Longview, Texas.
T. J. LAMAR.....	Auburn, Alabama.
CALEB LINDSEY.....	Mobile, Alabama.
J. R. MOTLEY.....	Tuskegee, Alabama.
JAS. D. MYRICK.....	Midway, Georgia.
R. C. PERSONS.....	Surgeon, United States Navy.

The Trustees and Faculty of Agricultural and Mechanical College of Alabama extend to the Alumni of the East Alabama College all the privileges of graduates in the former College. They request the graduates of both Institutions to communicate to the Secretary of the Faculty any changes that may take place in their post-office addresses, and any degrees that may be conferred upon them.

*Deceased.

ALUMNI
OF
Agricultural and Mechanical College.

1872.

R. E. BURT, A. M.....	Salem, Alabama.
R. O. ROUNSAVALL, A. M.	Huntsville, Texas.
W. E. HORNE, C. E.....	Tampa, Florida.
L. V. ROSSER, A. B.....	Nashville, Tennessee.
G. C. SPIGENER, A. B.....	Prattville, Alabama.
C. R. WILLIAMSON, A. M.....	Demopolis, Alabama.

1873.

J. L. GOLSON, A. B.....	New Orleans, Louisiana.
W. T. RUTLEDGE, A. B.....	Crawford, Alabama.
P. R. RUTLEDGE, A. B.	Crawford, Alabama.

1874.

R. K. FITZHUGH, B. S.....	Augusta, Arkansas.
B. H. JOHNSON, B. E.....	Dadeville, Alabama.
W. H. MOORE, A. B.....	Rome, Georgia.
M. H. MOORE, A. B.....	Flano, Texas.

1875.

FRANK C. DILLARD, B. S.....	Hopkinsville, Kentucky.
WM. M. PERRY, B. S.....	Columbus, Georgia.
*JNO. A. RATCHFORD, B. S.....	La Fayette, Alabama.
EUGENE R. RIVERS, C. E.....	Glennville, Alabama.

1876.

M. K. CLEMENTS, B. S. A.....	Guntersville, Alabama.
T. HODGE, B. S. A.....	Salem, Alabama.
L. B. HOLT, B. S. A.....	Siluria, Alabama.
F. D. PEABODY, B. S. A.....	Columbus, Georgia.
J. E. RUFFIN, B. S. A.....	Rockford, Alabama.
P. H. STOW, B. E.....	Mobile, Alabama.
REESE WILSON, B. S. A.....	—, Texas.

1877.

SAMUEL C. RIDDLE, A. B.....	Pilot Point, Texas.
CHARLES C. THACH, B. E.....	Athens, Alabama.
JOHN M. TRAMMELL, B. E.....	Chambers County, Alabama.
WILLIAM O. TRAMMELL, B. E.....	Chambers County, Alabama.

*Deceased.

1878.

LEMUEL G. DAWSON, B. E.....	—
SILAS C. DOWDELL, B. S.....	Point Coupe, Louisiana.
TUCKER H. FRAZER, B. E.....	Mobile, Alabama.
ROBERT E. HARDAWAY, C. E.....	Montgomery Alabama.
*ISAAC A. LANIER, B. E.....	Huntsville, Alabama.
GEORGE H. PRICE, B. E., M. S.	Nashville, Tennessee.
LEE S. SCHIEFFELIN, B. E.....	Nashville, Tennessee.
REUBEN L. THORNTON, B. E.....	Tuskegee, Alabama.

1879.

MARK S. ANDREWS, A. B.....	Mobile, Alabama.
WYATT H. BLAKE, B. S.....	Roanoke, Alabama.
FRANK B. DILLARD, B. E.....	Sandy Ridge, Alabama.
JOSHUA S. DOWDELL, A. B.....	La Fayette, Alabama.
OLIVER C. McGEHEE, B. S.....	Auburn, Alabama.
ALLEN B. O'HARA, B. E.....	Sandtown, Georgia.
THOMAS M. OLIVER, B. S. A.....	Montgomery, Alabama.
JOHN O. PINCKARD, B. E.....	Fredonia, Alabama.
J. E. D. SHIPP, A. B.....	Cusseta, Georgia.

1880.

JOHN T. ASHCRAFT, B. E.....	Newton, Alabama.
BENJAMIN F. ATKINSON, A. B.....	West Point, Georgia.
SAMUEL B. CANTEY, B. E.....	Fort Worth, Texas.
SAMUEL CALLAWAY, B. E.....	Snowdown, Alabama.
JOHN S. N. DAVIS, B. E.....	Gold Hill, Alabama.
ALVA FITZPATRICK, B. E.....	Montgomery, Alabama.
E. J. GARRISON, A. B.....	Roanoke, Alabama.
GEORGE R. HALL, B. S. A.....	Midway, Alabama.
HENRY L. MARTIN, A. B.....	Abbeville, Alabama.
CHARLES B. MCCOY, B. S.....	Opelika, Alabama.
ROBERT F. OUSLEY, A. B.....	Monticello, Florida.
HENRY G. PERRY, A. B.....	Auburn, Alabama.
EDGAR A. PRICE, B. S. A.....	Nashville, Tennessee.
GEORGE W. STEVENS, B. E.....	Rock Mills, Alabama.
JABES C. STREET, B. E.....	Atlanta, Georgia.
ROBERT Y. STREET, B. S.....	Bluff Springs, Alabama.
JAMES J. SYKES, B. S. A.....	Courtland, Alabama.
ROSS E. THOMAS, B. E.....	Alexander City, Alabama.
HOMER B. URQUHART, A. B.....	Birmingham, Alabama.
BARTOW L. WALKER, B. E.....	West Point, New York.

*Deceased.

CATALOGUE OF STUDENTS.

(BY CLASSES AND COURSES.)

Sc. stands for Course in Science. Ag. Agriculture. C. E. Civil Engineering. L. Literature.

FIRST CLASS.

ACREE, W. U., Sc.....	Dale County, Alabama.
CALLAWAY, J., L.....	Montgomery County, Alabama.
CRITTENDEN, O. H., C. E.....	Macon County, Alabama.
JETER, J. H., Ag.....	Opelika, Alabama.
JONES, J. G., Ag.....	Montgomery County, Alabama.
LAMAR, W. H., Jr., L.....	Auburn, Alabama.
LANGHORNE, J. M., Ag.....	Uniontown, Alabama.
LETCHER, J. T., C. E.....	Macon County, Alabama.
MITCHELL, A. J., C. E.....	Russell County, Alabama.
OUSLEY, C. N., L.....	Lowndes County, Georgia.
ROSS, B. B., L.....	Auburn, Alabama.
SIMMONS, W. H., L.....	Dale County, Alabama.
TAYLOR, W. D., C. E.....	Montgomery County, Alabama.
TRAMMELL, J. D., C. E.....	Macon County, Alabama.
VAN HOOSE, E. I., Sc.....	Auburn, Alabama.

SECOND CLASS.

BANKS, J. J., L.....	Russell County, Alabama.
BROWN, E. N., L.....	" " " "
BULLARD, R. L., L.....	Lee County, Alabama.
CARDEN, G. A., L.....	Opelika, Alabama.
CLEGG, A. M., Sc.....	Columbus, Georgia.
CUNNINGHAM, W. H., L.....	Clarke County, Alabama.
DOSTER, C. E., L.....	Prattville, Alabama.
*DUDLEY, F. J.....	Columbus, Georgia.
EBERHART, B., Ag.....	" " "
FITZPATRICK, B. H., Ag.....	Montgomery, Alabama.
HEATH, J. M., C. E.....	Talbot County, Georgia.
HURT, J. M., C. E.....	Auburn, Alabama.
HUTCHINSON, P. M., C. E	Troup County, Georgia.
JONES, W. H., Sc.....	Union Springs, Alabama.
LAMAR, H., L.....	Auburn, Alabama.
LIGON, R. F., Jr., C. E.....	Tuskegee, Alabama.
MORRIS, T. J., Ag.....	Clay County, Georgia.
PEARSON, W. W., L.....	Tallapoosa County, Alabama.

*Special Course.

REID, J. M., C. E.....	Auburn, Alabama.
STEVENS, M. S., Ag.....	" " "
STROM, J. E., C. E.....	Bullock County, Alabama.
WAGNON, J. E., C. E.....	Lee County, Alabama.
*WEED, S. L.....	Dale County, Alabama.

THIRD CLASS.

ALEXANDER, W. T.....	Georgetown, Georgia.
ANDREWS, W. F.....	Opelika, Alabama.
BOYKIN, J. C.....	Atlanta, Georgia.
BOYKIN, J. F.....	Auburn, Alabama.
*BULGER, R. H.....	Wetumpka, Alabama.
COX, W. S.....	LaGrange, Georgia.
EDWARDS, A. B.....	Opelika, Alabama.
ELLIS, W. L.....	Prattville, Alabama.
ELMORE, B. F.....	Elmore County, Alabama.
FITZPATRICK, B. J.....	Montgomery, Alabama.
GAY, C. L.....	Auburn, Alabama.
HANKINS, L.....	Richmond, Virginia.
HARDAWAY, B. H.....	Auburn, Alabama.
HARLAN, A. L.....	Tallapoosa County, Alabama.
HARP, M. L.....	Dawson, Georgia.
HEAD, O. C.....	Auburn, Alabama.
HOUSTON, T. W.....	West Point, Georgia.
HURT, W. M.....	Auburn, Alabama.
JONES, R. H.....	Union Springs, Alabama.
LONG, P. H., Jr.....	Auburn, Alabama.
MANGUM, D. B.....	" " "
MANGUM, T. F., Jr.....	" " "
*NEAL, T. M.....	Harris County, Georgia.
PACE, E. M.....	Dale county, Alabama.
*PRUITT, R. E.....	Lee County, Alabama.
RUSHIN, J. T.....	Elmore County, Alabama.
SALE, J. C.....	Opelika, Alabama.
SAMFORD, N. P. D.....	Auburn, Alabama.
SMITH, B. B.....	" " "
*SOUTHALL, R. G.....	Wilcox County, Alabama.
STONE, E. B.....	Carrolton, Alabama.
STONE, J. M.....	Pensacola, Florida.
SUTTON, R. L.....	Opelika, Alabama.
SWOOPE, C. C.....	Lawrence County, Alabama.

FOURTH CLASS.

ALEXANDER, E. P.....	Louisville, Kentucky.
BALDWIN, B. J.....	Union Springs, Alabama.
BALKUM, J. A.....	Henry County, Alabama.

BASS, C. L.....	Wetumpka, Alabama.
*BOUTWELL, J. D.....	Butler County, Alabama.
BOYD, W. T.....	Macon County, Alabama.
*BULLOCK, J. A.....	" " "
*BURLESON, J. O.....	Morgan County, Alabama.
CARLISLE, M. B.....	Opelika, Alabama.
*CHAMBERS, J. B.....	Auburn, Alabama.
*CHISHOLM, W. E.....	Montgomery County, Alabama.
COLLIER, R. E.....	Opelika, Alabama.
CORRY, R. S.....	Pollard, Alabama.
DALLAS, V. R.....	Lee County, Alabama.
*DAVIS, J. W.....	Prattville, Alabama.
*DAWSON, M. L.....	Athens, Alabama.
*DUMAS, R. F.....	Auburn, Alabama.
*EMERSON, G. F.....	Bullock County, Alabama.
FOWLER, A. J.....	Lee County, Alabama.
FRASER, E. W.....	Mobile County, Alabama.
GASTON, W. Z.....	Eufaula, Alabama.
GAY, J. F.....	Auburn, Alabama.
GLENN, E. T.....	" " "
*GREGORY, W. H.....	Elmore County, Alabama.
GRIFFIN, R. L.....	Opelika, Alabama.
HARDIN, T. F.....	Auburn, Alabama.
HARRELL, E. O.....	Dale County, Alabama.
*HARRIS, J. N.....	Titus County, Texas.
*HAYS, J. A.....	Columbia, Alabama.
HILL, M. E.....	Newnan, Georgia.
*HUDSON, C. W.....	Marengo County, Alabama.
*JOHNSTON, M. S.....	Hamilton, Georgia.
*KENER, T. M.....	Bullock County, Alabama.
KILLEEN, W. J.....	Montgomery County, Alabama.
LANCASTER, H. J.....	Wetumpka, Alabama.
McCARY, J. H.....	Sharkey County, Mississippi.
*MCNEILL, A. A.....	Linden, Alabama.
*MCNEILL, W. N.....	" " "
MANGUM, W. W.....	Auburn, Alabama.
MICHAEL, G. B.....	Mobile County, Alabama.
*NEAL, F. A.....	Auburn, Alabama.
*OGLETREE, J. B.....	Lee County, Alabama.
REDD, M. W.....	Columbus, Georgia.
ROBINSON, J. B.....	Memphis, Tennessee.
SHAW, R. W.....	Macon County, Alabama.
SIDDALL, W. J.....	Lee County, Alabama.
*SINCLAIR, J. L.....	Lowndes County, Alabama.
SLAUGHTER, W. F.....	Auburn, Alabama.
*SMITH, A. G.....	Prattville, Alabama.

*SMITH, F. D.	Prattville, Alabama.
SMITH, M. M.	" "
*SMITH, R. L.	Auburn, Alabama.
SMITH, T. J.	Tallapoosa County, Alabama.
*STALLWORTH, R. J.	Dallas County, Alabama.
SUTTON, O. M.	Opelika, Alabama.
*TALLY, S. W.	Jefferson County, Alabama.
THARP, A.	Perry, Georgia.
THARP, W.	" "
THOMPSON, S. B.	Lake City, Florida.
*TRAMMELL, T.	Macon County, Alabama.
WALTON, S. O.	Clarke County, Alabama.
*WARD, J. W.	Henry County, Alabama.
WILLIAMS, W. Z.	Russell County, Alabama.

FOURTH CLASS—Section A.

ALLISON, G. A.	Auburn, Alabama.
ALLISON, P. E.	" "
ASHURST, J. H.	Tallapoosa County, Alabama.
BECKER, J.	Lee County, Alabama.
BELAND, C. L.	" " "
BENNETT, R. L.	" " "
BOYD, J. A.	Macon County, Alabama.
BOYKIN, R. S.	Auburn, Alabama.
BRADFORD, J. U.	" " "
CARTER, J. P.	Eufaula, Alabama.
COOPER, J. W.	Mobile County, Alabama.
CRAWFORD, A. J.	Lee County, Alabama.
DILLARD, T. F.	Auburn, Alabama.
DRAKE, J. H., Jr.	" "
DUMAS, A. C.	" "
ELEY, W. E.	Eufaula, Alabama.
FARISS, H. C.	Tallapoosa County, Alabama.
FOSTER, W. O.	Auburn, Alabama.
FRAZER, P. G.	Wilkes County, Georgia.
GAY, E. W.	Auburn, Alabama.
GAY, W. D.	" "
HARDIN, J. W.	" "
HARP, G. H.	Dawson, Georgia.
HARRIS, W. E.	Auburn, Alabama.
HOFFMAN, P. M.	" "
HUDSON, W. H.	Marengo County, Alabama.
HUNTER, H. M.	Barbour County, Alabama.
JOHNSTON, A. S.	Hamilton, Georgia.
LAMAR, G. H.	Auburn, Alabama.
LLOYD, E. R.	Lee County, Alabama.

McRITCHIE, T. B.	Newnan, Georgia.
MURRY, J. E.	Auburn, Alabama.
PEAKE, J. B.	Lowndes County, Alabama.
PEARSON, S. B.	Dadeville, Alabama.
PEGUES, W.	Dallas County, Alabama.
PENN, W. T.	Chambers County, Alabama.
PERRY, F. H.	Auburn, Alabama.
PERSONS, A. A.	" "
PERSONS, H. S.	" "
PERSONS, J. T.	Glennville, Alabama.
REID, C. L.	Bullock County, Alabama.
REYNOLDS, J. W.	Barbour County, Alabama.
ROSS, C. H.	Auburn, Alabama.
SCHOWALTER, M. R.	Baldwin County, Alabama.
SMITH, J. D.	Tallapoosa County, Alabama.
TURNER, T. B.	Auburn, Alabama.
WILLIAMS, B. S.	Columbus, Georgia.

TERMS OF ADMISSION.

Candidates for admission into the Fourth Class must be fourteen years of age, and a proportionate increase of age will be required for admission into the higher classes.

Applicants for admission into the Fourth Class will be required to pass an approved examination in the following subjects:

ENGLISH—Embracing Orthography, Grammar, Elements of Composition, Geography, History of the United States, History of England.

MATHEMATICS—Embracing the whole of Arithmetic, including the Metric System; Elementary Algebra.

In addition to these studies, candidates who propose to take the regular course in Literature, will also be required to exhibit a satisfactory knowledge of the following studies in Ancient Languages:

LATIN—Grammar, Cæsar (4 Books), Virgil (6 Books of the *Æneid*).

GREEK—Grammar, Xenophon's *Anabasis* (2 Books).

Entrance Examinations will be held on Monday and Tuesday preceding the openings in September and February, at which all applicants should be present.

If, upon examination, an applicant should be found deficient in any of the required studies, he shall be assigned to a course of preliminary training in those branches; provided, that in no case, will any applicant be admitted whose attainments in the English branches are not such that he may, with one year's training, be prepared for the studies of the Fourth Class.

Students must enter regularly some one of the prescribed courses, but they may, in the discretion of the Faculty, with the written approval of the parent or guardian, be assigned

to selected studies, provided that in no case, will a student be allowed to have less than fifteen weekly recitations.

No one will be admitted who has been expelled or dismissed from any other College.

Satisfactory testimonials of good moral character, will be in all cases required.

Students, on their arrival at Auburn, must report immediately to the President and present their testimonials and instructions. After having paid their fees to the Treasurer, they will report to the Examining Committee, by whom, after examination, they will be assigned to appropriate classes. Upon presenting their certificates of examination, and the receipts of the Treasurer, applicants will be matriculated by the Commandant, who will furnish to each one a copy of the Regulations, and assign him to his proper section and company.

No student will be admitted to recitation in any class previous to matriculation.

COURSES OF INSTRUCTION.

There are four regular Degree Courses in this Institution, designated as follows:

I.

COURSE OF AGRICULTURE.

Degree, Bachelor of Scientific Agriculture; B. S. A.

II.

COURSE IN ENGINEERING.

CIVIL ENGINEERING.

Degree, Bachelor of Civil Engineering; B. C. E.

MINING ENGINEERING.

Degree, Bachelor of Mining Engineering; B. M. E.

III.

COURSE IN LITERATURE.

Degree, Bachelor of Arts; A. B.

IV.

COURSE IN SCIENCE.

Degree, Bachelor of Science; B. S.

Each of these Courses requires four years for its accomplishment, and to entitle the student to the *Degree* he must stand an approved Examination in the studies prescribed for the Course. For the first two years the studies in all of the *Degree* Courses (which are the same as those pursued in the Freshman and Sophomore Classes of other Colleges) are identical, except that students in the Departments of Agriculture, Engineering and Science, may, if they prefer, substitute the Modern Languages (French and German) for Latin and Greek. Having completed the studies prescribed for these two years, the student may select either of the Regular *Degree* Courses.

I.—COURSE IN AGRICULTURE.

The design of this Course is to furnish the student with a plan of study especially adapted to the wants of those who

propose to devote themselves to Agricultural pursuits; not so much by training in the practical processes of the Farm, as by affording instruction in the principles of correct husbandry, and in those sciences which relate particularly to the cultivation of the soil.

The Course requires four years for its completion, the first two years, however, being devoted to studies which are common to the Literary Course, except that students who propose to take the Course in Agriculture may, if they prefer, substitute the Modern for the Ancient Languages.

Having gone through this course of study, which is thought to be essential to a liberal education for any of the practical pursuits of life, the student is prepared to enter upon the technical studies in the course, which occupy the remaining two years. These technical studies embrace the following subjects:

1. *Mechanics and Physics*, in which the class makes three weekly recitations during the first year.
2. *Botany*, two recitations weekly the Spring term of the first year.
3. *Descriptive Astronomy and Meteorology*, three recitations weekly during the second year.
4. *Geology and Mineralogy*, three recitations weekly during the second year.
5. *Zoology and Entomology*, two recitations weekly throughout the second year.
6. *Agricultural Chemistry*, with practical instruction in quantitative and qualitative analysis of soils and fertilizers, to which two hours are devoted daily throughout the first year.
7. *Vegetable Physiology*, embracing the structure and habits of plants, and their relations to the soil and the atmosphere, occupying two recitations weekly throughout the first year.
8. *Cattle Feeding*, embracing the principles of animal nutrition, the chemical and economical value of feeding stuffs; two recitations weekly during the Spring term of the first year.

9. *Practical Husbandry*, embracing the subjects of soils, their cultivation, fertilization, drainage and irrigation; Farm Crops; Farm Implements and Machinery; Farm Animals; Fruit Culture; Market Gardening; Horticultural and Landscape Gardening; in which instruction is given daily by text books and lectures during the entire course of two years.

For the purpose of illustrating and exemplifying the principles taught in the text books and lectures, the College is furnished with the following appliances:

1. An extensive Mineralogical and Geological Cabinet, and a Museum of Natural History.
2. A commodious Laboratory, supplied with troughs, furnaces, balances and the necessary chemicals and apparatus for making analyses.
3. An Experimental Farm of Twenty Acres, devoted to soil tests of fertilizers and experiments in the cultivation of field crops, grasses, fruits and flowers, under the supervision of the Professor of Agriculture.

In addition to the technical studies embraced in this Course, the Class in Agriculture is required to make three recitations weekly in Political Economy, during the Spring term of the second year; and also to attend lectures weekly upon Constitutional Law and the Law of Contracts, Conveyancing, and Landlord and Tenant, in which it is designed to furnish such instruction as will be of service to the practical agriculturalist.

II.—COURSE IN ENGINEERING.

CIVIL ENGINEERING.

This Course extends the Scientific Course in applied mathematics, embraces full instruction in regard to the construction of common roads, pikes, railroads, bridges, canals, improvements of rivers, harbors, &c.

In aid of the practical studies of the College, and as a means of familiarizing students with the actual details of work, the Second Class in Engineering will devote two weeks in December, and the First Class four weeks in May, to field

work, and to visits of inspection to machine shops, mills, mines, furnaces, and engineering constructions within convenient reach.

The Senior Class of the Engineering Course, is organized as an Engineering Corps, and goes through all the necessary operations for the construction of a railroad from Auburn to some selected terminus.

Preliminary study of maps.

Reconnoissance.

Running Preliminary lines.

Maps and Memoirs of same.

Final location of road; Grades and Curves.

Final Maps, showing Longitudinal and Cross Sections, Excavations, &c.

The Field Work and Office Work, including Drafting and Calculation, are performed under the direction of the Professor. Each step is accompanied by text book study and lectures. Examinations are made of Engineering works in the vicinity, and written reports upon them (with drafts) are required. Both theory and practice are thoroughly taught.

The work in this Course begins with the first Collegiate term.

The Course in Drawing extends through four years. During the first year the students practice linear and freehand drawing. In the second year the elementary principles of instrument drawing, embracing a course of orthographic and isometrical projections, shades and shadows, structural drawing and topographical delineation, are taught. This course is obligatory on the students of all the Courses, except the Course in Literature.

During the third and fourth years, instruction in drawing is obligatory only on the students in Civil Engineering. In the former year the system of instruction embraces orthographic projections, isometric drawing, shades and shadows, tinting in India ink and colors, the practice of drawing in sketches of tools, the finished work of machines, bridges and other structures. In the last, or fourth year of the Course

in Engineering, the students are taught perspective. They then cease to draw for mere practice, and use their graphical skill in machine construction, in making drawings of works visited in excursions to mines, furnaces, water, gas and railway structures. Plans, profiles and sections of railroad surveys complete the course.

Drawing Instruments.—The instruments used at the College are the Swiss, which are preferred for their general excellence and moderate cost. The instruments, with the materials for geometrical and topographical drawing, cost from ten to twenty-five dollars. The student is advised to defer his purchases of drawing instruments and material until he comes to the College, when he will have the advantage of procuring them under the direction of the Professor of Drawing.

The Drawing Room is fitted up with all necessary arrangements. A full set of geometrical models is provided. A large number of photographs, lithographs and manuscript drawings—English, German and French—have been imported. They illustrate the following subjects: General Descriptive Geometry, Linear Perspective, Shades, Shadows, and Reflections, Masonry and Stone Cutting, Girders and Trusses of Wood and Iron; Furnaces, Boilers, Railroad Shops, Depots, Offices, Machines, and their details, shown in the conventional colors used in France and Germany.

A selection of portfolios in landscape, figure and classic subjects, and casts from the gallery of the Louvre in Paris, is calculated to meet the wants of students desiring to pursue a full course in freehand drawing.

COURSE IN MINING ENGINEERING.

The technical studies in this course begin in the second class occupying the last two years of the College course. Students will receive special instructions, with ample allowance of time, in the three fundamental branches of the Art—mining, preparation of ores, and their metallurgical treatment.

Considerable attention will also be paid to Geology and

Mineralogy with Blow pipe analysis, character of veins and methods for successfully searching for all varieties of ore deposits.

An ample collection of minerals is provided comprising all species with which the mining Engineer should be familiar, and to this students have constant access. The geology of Alabama, Georgia and North Carolina, where mining is conducted to any extent, is well represented in the Mineralogical Cabinet.

This course leads to the degree of Bachelor of Mining Engineering (B. M. E.).

A student who proposes to take the degree of Mining Engineering (M. E.) must continue a course of study at least one year longer, under a schedule prescribed by the faculty. He must exhibit satisfactory evidence of his power to apply effectually by actual work the knowledge he has attained.

III.—COURSE IN LITERATURE.

This is the usual A. B. Course of American Colleges, and the plan of study is substantially the same as that required for this Degree in the best literary institutions of the country. It embraces a thorough course of the Latin and Greek Languages, running through the entire four years; the study of English in its linguistic elements, as well as its Literature, including Rhetoric and Logic; History, Ancient and Modern; Philosophy, Mental, Moral and Political; Mathematics, Pure and Applied; and Natural Sciences, including Chemistry, Botany, Astronomy, Geology and Physics.

Monthly exercises in Declamation and Composition are required of all students, during the first and second years, and the higher classes in the Literary Course deliver three original orations during the year.

IV.—COURSE IN SCIENCE.

This course is intended for those who wish to pursue the study of the Physical Sciences in a more extended course than that prescribed in the Literary Course, with the privi-

lege, at the same time, of substituting the Modern for the Ancient Languages.

The subjects embraced are Mechanics and Physics; Botany; Chemistry, including work in the Laboratory in Qualitative and Quantitative Analysis; Descriptive and Practical, Astronomy; Mineralogy; Geology and Meteorology.

The purpose is to afford to the student every facility for thorough instruction, in the way of experiment and illustration, in connection with the text books and daily lectures by the Professors of Chemistry and Natural History.

The Chemical Laboratory is admirably fitted up for work in Analysis. It consists of a Lecture Room furnished with Counters, Pneumatic Trough, Gasometer and large glass case; a Work Room with twenty-five work-tables; a Furnace Room, and a Balance Room. All are supplied with gas and water. Every student pursuing Analytical Chemistry is provided with a separate work table, the necessary chemicals and apparatus, a jet of gas with Bunsen's burners, and enameled water sinks. In the Balance Room are balances made by Oertling of London and Becker of New York. An annual fee of \$10 is paid by students in the courses of Agriculture and Science for the use of Chemicals in the Laboratory.

MUSEUM AND MINERALOGICAL CABINET.

The Museum is comprehensive in its scope, embracing many rare and valuable specimens.

By a system of exchange, arranged with most of the prominent Institutions and a number of Scientists in the United States, large additions have been made during the past year to all the branches of the collection.

The minerals have all been carefully arranged and classified according to Dana's system, and a complete catalogue has been prepared of all the specimens in the Museum.

COURSE OF STUDY,

FOR TWO YEARS.

Preparatory to Special Courses in Agriculture, Literature, Science, and Engineering.

(NOTE.—The figures indicate the number of weekly recitations required in the studies to which they are attached.)

FOURTH CLASS.

ENGLISH.....	<i>First and Second Terms</i> —5 History and Composition.
MATHEMATICS	<i>First Term</i> —5 Algebra. <i>Second Term</i> —5 Geometry.
LANGUAGES.....	<i>First and Second Terms</i> —5 French, or 4 Latin and 3 Greek.
*DRAWING.....	<i>First Term</i> —2 Linear Drawing. <i>Second Term</i> —2 Freehand Drawing.
†BOOK-KEEPING	<i>First and Second Terms</i> —2 Book-keeping and 3 Commercial Arithmetic.
MILITARY.....	<i>First and Second Terms</i> —5 Drill.

THIRD CLASS.

ENGLISH.....	<i>First Term</i> —5 Rhetoric and Composition.
MATHEMATICS	<i>First Term</i> —3 Solid Geometry and Mensuration. <i>Second Term</i> —3 Spherical Trigonometry and Analytical Geometry.
*DRAWING	<i>First and Second Terms</i> —2 Topographical Drawing.
NATURAL SCIENCE	<i>Second Term</i> —5 Chemistry.
LANGUAGES	<i>First and Second Terms</i> —5 German, or 4 Latin and 3 Greek.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

(NOTE.—Students proposing to pursue the course in LITERATURE, are required to take Latin and Greek; those proposing to pursue the course of AGRICULTURE, SCIENCE, or ENGINEERING, are required to take either French and German, or an equivalent in Latin. Monthly Exercises in Composition and Declamation are required of all Students of the Third and Fourth Classes.)

*Not required of those Students proposing to take the Course in Literature.

†Elective.

COURSE IN AGRICULTURE.

SECOND CLASS.

ENGLISH.....	<i>First Term</i> —3 English and American Literature.
	<i>Second Term</i> —3 Logic.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Mechanics and Physics.
LABORATORY.....	<i>First and Second Terms</i> —5 Qualitative and Quantitative Analysis.
AGRICULTURE.....	<i>First and Second Terms</i> —4 Animal Physiology; Care and Management of Domestic Animals; Soils and Manures.
LAW.....	<i>First and Second Terms</i> —1 Contracts and Conveyances.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

-FIRST CLASS.

ENGLISH.....	<i>Second Term</i> —3 Political Economy.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Descriptive Astronomy; 3 Geology; 2 Mineralogy; 3 Meteorology.
NATURAL HISTORY	<i>First Term</i> —3 Zoology. <i>Second Term</i> —3 Entomology, Insects injurious and beneficial to vegetation.
AGRICULTURE	<i>First and Second Terms</i> —4 Vegetable Physiology; Tillage; Field Crops; Orchard and Garden Culture.
LAW.....	<i>First and Second Terms</i> —1 Constitutional and International Law.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

COURSE IN CIVIL ENGINEERING.

SECOND CLASS.

ENGLISH.....	<i>First Term</i> —3 English and American Literature.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry. <i>Second Term</i> —3 Differential Calculus.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Mechanics and Physics. <i>Second Term</i> —2 Botany.
ENGINEERING.....	<i>First Term</i> —5 Hydrographical, "Topographical" and Town Surveying, Theory and Practice. <i>Second Term</i> —5 Line Surveying; Common Roads; Railroads; Canals; Tunnels; Staking out for Construction.
DRAWING	<i>First Term</i> —5 Bridge Drawing. <i>Second Term</i> —5 Sketches of Tools, of the Component Parts of Machines, and of Bridges and other Structures.
MILITARY	<i>First and Second Terms</i> —2 Tactics; 5 Drill.

FIRST CLASS.

MATHEMATICS.....	<i>First Term</i> —3 Integral Calculus. <i>Second Term</i> —3 Practical Astronomy.
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NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Descriptive Astronomy; 3 Geology.
CIVIL ENGINEERING...	<i>First and Second Terms</i> —10 Building Materials; Mortars and Cements; Masonry; Wood and Metals; Strength of Materials; Arches; Framing Bridges and Road Making; Mining.
TOPOGRAPHICAL DRAWING.	<i>First and Second Terms</i> —10 Plans, Profiles, and Sections of Railroad Surveys.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

COURSE IN MINING ENGINEERING.

SECOND CLASS.

ENGLISH.....	<i>First Term</i> —3 English and American Literature.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry. <i>Second Term</i> —3 Differential Calculus.
NATURAL SCIENCES....	<i>First and Second Terms</i> —3 Mechanics and Physics. <i>Second Terms</i> —2 Botany.
LABORATORY	<i>First and Second Terms</i> —5 Qualitative and Quantitative Analysis.
ENGINEERING.....	<i>First Term</i> —5 Hydrographical and Topographical Surveying, Theory and Practice. <i>Second Term</i> —5 Line Surveying, Common Roads, Railroads, Canals, Tunnels, Sections of Mines.
DRAWING.....	<i>First and Second Terms</i> —2 Sketches of Tools, and Component Parts of Machines.
MILITARY.....	<i>First and Second Terms</i> —2 Tactics; 5 Drill.

FIRST CLASS.

ENGLISH.....	<i>Second Term</i> —3 Political Economy.
MATHEMATICS	<i>First Term</i> —3 Integral Calculus. <i>Second Term</i> —3 Practical Astronomy.
NATURAL SCIENCES....	<i>First Term</i> —3 Geology; 2 Mineralogy. <i>Second Term</i> —3 Economic Geology and Theory of Veins; 2 Mineralogy and Blowpipe Analysis.
LABORATORY	<i>First and Second Terms</i> —10 Work in Laboratory.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

COURSE IN LITERATURE.

SECOND CLASS.

ENGLISH.....	<i>First Term</i> —3 English and American Literature. <i>Second Term</i> —3 Logic.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry.
LANGUAGES	<i>First Term</i> —5 Latin and Greek. <i>Second Term</i> —5 Latin; 5 Greek.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Mechanics and Physics.
MILITARY.....	<i>First and Second Terms</i> —2 Tactics; 5 Drill.

FIRST CLASS.

ENGLISH.....	<i>First Term</i> —5 Mental and Moral Philosophy. <i>Second Term</i> —3 Political Economy.
LANGUAGES	<i>First Term</i> —4 Latin; 4 Greek. <i>Second Term</i> —5 Latin; 5 Greek.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Descriptive Astronomy; 3 Geology; 3 Meteorology.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

COURSE IN SCIENCE.

SECOND CLASS.

ENGLISH.....	<i>First Term</i> —3 English and American Literature. <i>Second Term</i> —3 Logic.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry. <i>Second Term</i> —3 Differential Calculus.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Mechanics and Physics. <i>Second Term</i> —2 Botany.
CHEMISTRY.....	<i>First Term</i> —3 Qualitative and Quantitative Analysis. <i>Second Term</i> —5 Qualitative and Quantitative Analysis.
MILITARY.....	<i>First and Second Terms</i> —2 Tactics; 5 Drill.

FIRST CLASS.

ENGLISH.....	<i>Second Term</i> —3 Political Economy.
MATHEMATICS.....	<i>First Term</i> —3 Integral Calculus. <i>Second Term</i> —3 Practical Astronomy.
NATURAL SCIENCE.....	<i>First and Second Terms</i> —3 Descriptive Astronomy; 2 Mineralogy; 3 Geology; 3 Meteorology.
LABORATORY	<i>First and Second Terms</i> —10 Work in Laboratory.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

TEXT BOOKS.

FOURTH CLASS.

Robinson's Complete Algebra, Davies' Legendre, (new edition), Davies' Trigonometry, Bloss' Ancient History, Essentials of English Grammar (Whitney). French: Otto's French Grammar and Reader, Chrestomathie Francaise, Gasc's Dictionary. Davidson's Linear Drawing, White's Art Studies, Bryant and Stratton's Book-keeping, Bryant and Stratton's Commercial Arithmetic, Upton's Infantry Tactics, Allen & Greenough's or Chase and Stuart's Latin Texts, Cicero's Orations, Virgil, Xenophon's Anabasis (Goodwin), White's Greek Lessons. Mythology.

THIRD CLASS.

Geometry, Davies' Legendre, Loomis' Analytical Geometry (new edition), Davidson's Projections and Model Drawing, Davies' Surveying and Mensura-

tion, Bloxam's Chemistry, Avery's Elements Natural Philosophy, Otto Joyne's German Reader, Schiller's Wilhelm Tell, Adler's German Dictionary, Hart's Composition and Rhetoric, Selections from English Authors, United States Army Regulations, Tacitus Germania, Horace, Herodotus, Homer (Boise or Sidgwick), Latin and Greek Composition (Jones).

SECOND CLASS.

Loomis' Analytical Geometry (new edition), Loomis' Differential Calculus (new edition), Magnus Mechanics, Natural Philosophy (Ganot's), Gray's Botany, Apgar's Plant Analysis, Church's Laboratory Guide, Caldwell's Agricultural Analysis, American Farm Book, Jarvis' Physiology, Armsby's Cattle Feeding, Smith's Linear Perspective, Henck's Field Book, Barry's Railway Appliances, Hudson's Shakespeare, Shaw's History of English Literature, Logic, Coppee, Welcker's Military Lessons, Horace, Terence, Latin Composition, (Allen & Greenough), Demosthenes, Alcestis, Greek Composition (Jones).

FIRST CLASS.

Loomis' Integral Calculus, Mahan's Engineering, Mahan's Industrial Drawing, Lockyer's Astronomy, Dana's Mineralogy, Dana's Geology, Loomis' Meteorology, Hickok's Moral Science, Walker's Political Economy, Henderson's Gardening for Profit, How Crops Grow, How Crops Feed, Tenney's Elements of Zoology, Entomology (Lectures), Mott's Manual of Chemistry, Wohler's Mineral Analysis, Rickett's Assaying, Barry's Fruit Garden, Henderson's Floriculture, Kemp's Landscape Gardening, United States Artillery Tactics, Juvenal, Plautus, Cicero, Latin Literature (Bender) and Composition, Aristophanes, Oedipus' Tyrannus, Greek Literature (Jebb) and Composition.

REFERENCE BOOKS.

Dana's System of Mineralogy, LeConte's Geology, Loomis' Meteorology, Ganot's Natural Philosophy, Brush's Determinative Mineralogy, Fresenius' Qualitative and Quantitative Analysis, Plattner's Blow Pipe Analysis, Cutter's Comparative Physiology, Smith's and Enthoffer's Topography, Rankine's Engineering and Applied Mechanics, Stoney on Strains, Wood's Roofs and Bridges, Merrill on Bridges, Warren's Machine Drawing, Dempsey on Drainage, French on Farm Draining, Scmitz's Student's Classical Atlas, Church's Descriptive Geometry and Shades and Shadows, Peck's Mechanics, Wiesbach's Mechanics, Mahan's Stone Cutting, Dubois' Graphical Statics, Simm's on Levelling, Ernst's Military Engineering, Anthon's Classical Dictionary, Smith's Roman and Grecian Antiquities, Madvig's Latin Grammar, Goodwin's Syntax of the Moods and Tenses, and Curtius' Greek Grammar.

Degrees and Post Graduate Courses.

The degrees of Bachelor of Arts, Bachelor of Agriculture, Bachelor of Science, Bachelor of Civil Engineering, and Bachelor of Mining Engineering, will be granted only to those who have passed satisfactory examinations in their respective courses. The completion of the post graduate course of one year, will entitle the graduate of Engineering to the degree of Civil, or Mining Engineer, and the graduate in Agriculture, Literature and Science, to the degree of Master in that course.

Certificates of Proficiency will be granted Cadets upon completion of a special course of study.

All degrees of regular courses must be conferred upon recommendation of the Faculty, approved by the Board of Trustees.

Bad character, or college delinquency of any kind, shall be good reason for exclusion from a degree.

Each Graduate shall prepare and submit to the Faculty a thesis on some subject of immediate relation to the studies of his course.

Applicants for degrees and certificates shall notify the Faculty at least one term before Commencement.

No Cadet of the College will be admitted to any degree unless he shall have exhibited to the President of the College a certificate from the Treasurer that his College dues are all paid, and shall have performed the exercises assigned by the Faculty for Commencement.

SPECIAL INFORMATION.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS.

By the act of Congress for the endowment of Agricultural and Mechanical Colleges, in prescribing the required studies, the words, "*including* military tactics," are used. The act is designed to be faithfully carried out, by imparting to each student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and of the battalion. The duties of guards, outpost and picket service, are practically taught. The College is provided, by the State, with breach-loading cadet rifles, swords, and accoutrements.

The following uniform has been prescribed for dress, viz: Frock of Cadet gray, three rows of College buttons; gray pants and black hat, trimmings black. A very neat and serviceable dress suit can be obtained here, not to exceed \$25, and a fatigue suit, not to exceed \$18—sufficient, with proper care, for one year's service. This is less expensive than the usual clothing. All students are required to wear this uniform at all times during the term. In attendance upon drills and guard, students lose no time from academic studies.

The drills are short, and the military duty involves no hardship. The military drill is health-giving exercise, and its good effects in the development of the *physique* and improvement of the carriage of the Cadet is manifest.

The entire body of students is divided into companies. The officers are selected for proficiency in drill and deportment. Each Company is officered by one Captain, one First Lieutenant, one Second Lieutenant, with a proper number of Sergeants and Corporals. The officers and non-commissioned officers are distinguished by appropriate insignia of rank. These appointments are conferred by the Command-

ant of Cadets, as honorary distinctions, and are continuous for the collegiate year, unless forfeited by misconduct.

Cadet-officers are regarded as *assistants in the enforcement of discipline*; their orders are to be considered as duly authorized and to be obeyed accordingly. They are expected to set examples of military deportment and general good conduct to other Cadets. Cadet-officers, squad-marchers and sentries are required, under pain of being themselves reported delinquent, to report all facts of delinquency falling under their notice in the performance of their duties. It is made the special duty of every non-commissioned officer to report lateness, disorder in ranks, and all infractions of rules falling under his notice while on duty with his company, guard, or other detachment.

No Cadet, or other person, shall be questioned in any way on account of reports rendered by him, nor shall he hold any conversation relating to it with the Cadet reported.

Appointments and promotions in Corps are honorable distinctions for military proficiency and good conduct.

Promotions will take place in the order of original appointment only when efficiency, fidelity, progress in studies, conduct and other qualifications warrant them.

Every officer, commissioned and non-commissioned, upon appointment or promotion, is required to pledge himself to a faithful discharge of his official duties.

Every Cadet to whom arms and accoutrements are issued will be held strictly accountable, not only for their preservation, but for their perfect good order at all times.

The prescribed dress will be strictly adhered to, nor will the slightest deviation be allowed. The wearing of fancy cravats, fancy caps, etc., will not be tolerated under any pretense whatever. Hair will be worn short, and whiskers and mustaches not allowed.

FREE TUITION.

The Trustees have authorized the Faculty to admit all Cadets free of tuition. This is not limited to residents of the State. No charge is made for instruction. An incidental fee

of seven and a half dollars per term is made for servant's attendance in building, fuel, ordinary repairs, and use of instruments.

A fee of two and a half dollars per term is paid to the Surgeon by each Cadet for medical services. No other College fees are required.

SESSION RECORDS AND CIRCULARS.

Daily records of the various exercises of the classes are kept by the officers of instruction in a form adapted to permanent preservation. From this record a circular or statement is sent to the parents or guardian every two months.

EXAMINATIONS.

There shall be a written or oral examination of the studies passed over at the end of each term.

A general yearly average of 70 (the maximum mark being 100) in scholarship will be required to pass a student from any class to the next higher, and if a mark less than 60 is attained in any study, he shall, in addition, be required to pass another examination in that study at the beginning of the ensuing session, before being allowed to pass up; and if found deficient on account of neglect of study, he may be dismissed.

It is particularly required that every student who enters the college shall remain through the examination at the end of the term. Leaves of absence and honorable discharges will, therefore, not be granted within six weeks of the examination, except in extreme cases.

Examinations for Degrees or Certificates of Proficiency embrace in their scope the entire subject of study in the course.

DISCIPLINE.

Military science and tactics are required to be taught in this Institution, both by law of Congress and by act of the State Legislature. The discipline is modeled after that of the best military schools. The government of the College is

administered by the President, Commandant and Faculty, in accordance with the Code of Laws and Regulations enacted by the Trustees and published; each student upon matriculation being furnished with a copy.

The strictest attention to study, and the most exact punctuality in attendance on recitations, and all other duties, will be made the *condition* of every student's continuance at the College; and any student who, without authority, absents himself from recitation, or any other duty, deserts his class, or refuses to attend when warned, shall be dismissed, or less severely punished, at the discretion of the Faculty.

Students are prohibited, under penalty of dismissal, from having in their possession ammunition, weapons or arms not issued for the performance of military duty; nor shall these be kept loaded in quarters under any pretext.

Students are prohibited entering into combinations under any pretext. One who shall begin, excite, cause or join in any boisterous or riotous conduct, or becomes a party to any agreement to avoid or violate any regulation, to hold no intercourse with a comrade, or to do any act to the prejudice of good order and military discipline, shall be dismissed.

No student shall have in his possession, or play at, cards, or games of chance, engage in a raffle, or in any manner wager money or other things, on penalty of dismissal.

Permission to attend private parties, or places of public amusements, will not be granted during the term.

No Cadet will be granted a leave of absence more than five times *during a term of twenty weeks*. No Cadet will be granted a leave of absence from study which interferes with his attendance on recitation, except on the application of the parent or guardian, addressed directly to the Commandant, and not through the Cadet.

A student who shall drink, or bring, or cause to be brought within the Cadet's limits, or have or allow in his room, tent, or otherwise in his possession, any fermented or intoxicating liquor, or fruits or viands preserved in intoxicating liquor, shall be dismissed.

A student who shall cut, mark, or otherwise injure or deface the buildings, furniture or appurtenances; the trees, shrubbery, green-sward, grounds, fences, stables, or out-houses; or who shall lose, injure, destroy, or improperly dispose of the arms, accoutrements, or other property of the College, shall make good all damage, and be dismissed or otherwise punished, according to the nature of the offense.

Any student who is discharged, dismissed or suspended, must leave the College grounds immediately. Should he continue to wear the uniform, the fact that he is no longer a member of the College may be published.

Any student who shall overstay a leave of absence, must produce satisfactory evidence of his having been detained by sickness, by his parent or guardian, or by some unavoidable cause, otherwise he will be dismissed, or otherwise punished.

Day scholars detained at home from any cause, must render written excuse, approved by parent, guardian, or physician, setting forth substantial reasons satisfactory to the Commandant, for the detention; otherwise their reports will not be excused.

To each recorded delinquency a number of from one to ten, proportional to the degree of the offense in a moral and military view, is assigned to express demerit.

If any student receives 150 demerits for the whole or any part of the academic year, or 250 for a greater period, he shall be declared deficient and dismissed.

RELIGIOUS SERVICES.

Religious services are held every morning in the chapel.

The students are required to attend these exercises, and also to attend the church of their choice at least once on Sunday. Opportunities are also offered for attending Bible Classes every Sunday.

By statute of the State the sale of spirituous liquors and keeping of gaming saloons of every kind within five miles of Auburn, are forbidden.

The College will be carefully preserved from the control or domination of any party or sect in religion or politics.

LOCATION AND BUILDING.

The College is situated in the town of Auburn, sixty miles from Montgomery, directly on the line of the Western Railroad.

The region is high and healthful, 821 feet above tide-water, being more elevated than Montgomery by 659 feet, or than Talladega by 200 feet.

The building is large and commodious, and is well furnished with rooms for college use.

SOCIETIES.

There are two Literary Societies—the Wirt and the Websterian—connected with the College. Each has a commodious hall handsomely fitted up, a library of standard and miscellaneous works, and a reading room. Their weekly exercises add to the facilities afforded by the College for practice in composition, elocution and discussion.

SOCIETY OF ALUMNI.

The Annual Alumni Oration, by a member of the Society, is delivered in the Chapel, Monday evening of Commencement week.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

This Association comprises the students who are members of churches. Its object is to promote the religious character and usefulness of those connected with it. Weekly meetings are held, and public addresses occasionally delivered.

W. D. Taylor, President.

J. G. Jones, Corresponding Secretary.

BOARDING.

Students, after selecting their boarding-houses, will not be permitted to make changes without obtaining permission of the Faculty, having first given two weeks' notice.

The Faculty will feel authorized to remove students from boarding-houses when it becomes manifest that they are failing in their duties from improper associations, or for any other reason demanding such removal.

Parents and guardians are advised to send all money for payment of tuition and board to the Treasurer of the College, with instructions for its appropriation.

EXPENSES.

Tuition free to all Cadets in or out of the State.

Incidental fee, per term, in advance..	\$7 50
Surgeon fee.....	2 50
Diploma.....	5 00
Board, in private families, per month.....	\$12 to 15 00

ACADEMIC YEAR.

The academic year, which is divided into two equal terms, commences on the last Wednesday in September, and ends on the last Wednesday in June following, which is Commencement day. The second term begins on the second Wednesday in February.

 No intermission at Christmas, except for one day; and parents are earnestly requested not to grant their sons permission to go home at that season, except in cases of pressing importance, as their absence seriously disarranges the exercises of the classes, and is very disadvantageous to the young men themselves.

DONATIONS TO MUSEUM.

W. H. BLAKE.....	6 specimens of minerals
G. W. STEVENS.....	8 specimens of minerals and fossils
B. L. WALKER	32 specimens of minerals and fossils
R. H. URQUHART.....	1 specimen of snake
JOHN N. BRADFORD.....	23 specimens of reptiles and bird eggs
G. M. SELDEN.....	1 specimen of frog
CHARLES H. ROSS.....	4 specimens of birds and reptiles
W. W. MANGUM.....	1 specimen bird's nest
L. W. PEARSON.....	13 specimens birds and reptiles
J. J. SYKES	2 specimens of birds
E. P. ALEXANDER, JR.....	1 specimen bird
C. B. MCCOY	2 specimens snake
S. K. WILLIAMSON	5 specimens larvæ and beetle and turtle
MISS V. L. ALLISON	1 block of shells
R. Y. STREET.....	1 specimen of chameleon
J. H. JETER	1 specimen beetle
J. S. DILL.....	1 specimen laminated quartz

K. M. CUNNINGHAM.....	11 specimens of microscopic sections of rocks
MISS NELLIE SMITH.....	2 specimens birds' nests
J. T. ASHCROFT	1 specimen of chameleon
J. H. ROGERS.....	8 specimens <i>gordius equaticus</i>
E. A. PRICE	4 specimens of insects and snakes
J. C. STREET.....	16 specimens of minerals and fossils
S. J. CATTS.....	1 specimen of turtle
PROF. W. C. STUBBS	1 specimen of graphite
ROBERT LOVELESS.....	7 specimens iron pyrites
J. M. LANGHORNE	2 specimens of bird and coral
Dr. I. T. TICHENOR.....	9 specimens of minerals and shells
CAPT. —— DIXSON.....	1 specimen of snake
DR. —— JACKSON	1 specimen tomato worm
Mrs. O. D. SMITH.....	{ 72 specimens of minerals, shells, Indian arrow heads, moss, and valuable relics
C. L. GAY.....	1 specimen quartz crystal—Hot Springs
T. J. MORRIS.....	1 specimen of mica
REV. —— RILEY.....	2 zoological specimens
FRANK DILLARD.....	1 specimen bird
W. U. ACREE.....	1 specimen of stalactite
JIMMIE MASON.....	2 specimens of bird eggs and Indian arrow heads
MR. —— TODD.....	12 specimens of quartz crystals
S. B. THOMPSON	1 specimen of coral
R. G. SOUTHALL.....	4 specimens of fossils and Indian relics
J. D. TAYLOR	1 specimen of Indian arrow head
PAUL HOFFMAN.....	1 specimen of snake
Mrs. J. ALLEN.....	7 specimens of land shells

Besides the above, the Museum has been considerably enlarged by specimens received through exchange.

PROF. S. CALVIN, Iowa State University	{ 199 specimens Silurian fossils. 63 other specimens fossils & minerals
E. M. COOPER, Cincinnati, Ohio.....	158 specimens Silurian fossils
BERLIN H. WRIGHT, Penn Yan, N. Y.	{ 327 specimens of land, fresh water and sea shells.
R. L. FAHS, Miles, Ill.	{ 208 specimens of minerals, fossils, and botanical specimens.
University of Minnesota.....	33 specimens of minerals
C. M. JONES, Eastford, Conn.,	9 specimens of bird's eggs
WM. W. JEFFRIS, West Chester, Pa.,.....	86 specimens of minerals
Mrs. A. E. BUSH, San Juan, California.....	74 specimens of Marine Algae
PROF. J. ALLEN, Alfred Centre, N. Y.—	1,010 specimens land and fresh water shells; 6 specimens <i>Distyophyton Nodosum</i> Hall.
REV. J. P. MACLEAN, Ohio.....	{ 38 specimens of fossils. 14 specimens of Casts.

CALENDAR FOR 1881.

SUNDAY, June 26.

11 A. M.—Commencement Sermon, by Rev. Otis A. Glazebrook, of Macon, Ga.

MONDAY, June 27.

10 A. M.—Prize Declamation..... Third Class.
3 P. M.—Meeting of Board of Trustees.
6 P. M.—Dress Parade..... Corps.
8 P. M.—Alumni Address..... Frank C. Dillard, A. B.

TUESDAY, June 28.

10 A. M.—Orations..... Second Class.
11 A. M.—Address to Societies by Hon. J. M. Carmichael, of Ozark, Ala.
4 P. M.—Review of Corps by the Governor.
6 P. M.—Dress Parade..... Corps.

WEDNESDAY, June 29.

10 A. M.—Orations..... Graduating Class.
12 M. —Baccalaureate Address and Conferring Degrees, by the President.
6 P. M.—Dress Parade..... Corps
8 P. M.—Levee..... Corps

SESSION OF 1881-82.

First Term begins Wednesday, September 28, 1881.

Second Term begins Wednesday, February 8, 1882.

Entrance Examinations, Monday and Tuesday, September 26 and 27.